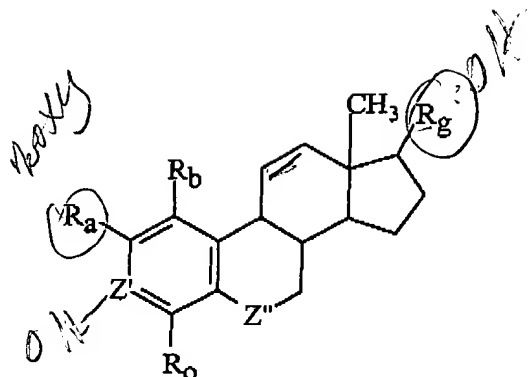


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wherein:

- R_b and R_o are independently $-H$, $-Cl$, $-Br$, $-I$, $-F$, $-CN$, lower alkyl, $-OH$, $-CH_2-OH$, $-NH_2$; or $N(R_6)(R_7)$, wherein R_6 and R_7 are independently hydrogen or an alkyl or branched alkyl with up to 6 carbons;
- R_a is $-N_3$, $-C\equiv N$, $-C\equiv C-R$, $-CH=CH-R$, $-R-CH=CH_2$, $-C\equiv CH$, $-O-R$, $-R-R_1$, or $-O-R-R_1$ where R is a straight or branched alkyl with up to 10 carbons or aralkyl, and R_1 is $-OH$, $-NH_2$, $-Cl$, $-Br$, $-I$, $-F$ or CF_3 ;
- Z' is $>CH$, $>COH$, or $>C-R_2-OH$, where R_2 is an alkyl or branched alkyl with up to 10 carbons or aralkyl;
- $>C-R_g$ is $>C(H)-OH$; and
- Z'' is $>CH_2$, $>C=O$, $>C(H)-OH$, $>C=N-OR_5$, $>C(H)-C\equiv N$, or $>C(H)-NR_5R_5$, wherein each R_5 is independently hydrogen, an alkyl or branched alkyl with up to 10 carbons or aralkyl;

with the proviso that if R_b is H , R_o is H , Z' is $>COH$, $>C-R_g$ is $>C(H)-OH$, and Z'' is $>CH_2$, then R_a is neither $-OCH_3$ nor $-OCH_2CH_3$.

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2. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is $-C \equiv C - CH_3$,

Z' is $>C-OH$, and

Z'' is $>CH_2$.

3. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is OCH_2CF_3

Z' is $>C-OH$, and

Z'' is $>C=O$.

4. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is OCH_2CF_3

Z' is $>C-OH$, and

Z'' is $>C=NOH$.

6. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is OCH_2CF_3

Z' is $>C-OH$, and

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Z'' is $>CH_2$.

7. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is $CH=CH_2$

Z' is $>C-OH$, and

Z'' is $>CH_2$.

8. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is $E-CH=CHCH_3$

Z' is $>C-OH$, and

Z'' is $>CH_2$.

9. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is NHC_2H_5

Z' is $>C-OH$, and

Z'' is $>CH_2$.

10. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

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R_a is NHCOCH_3

Z' is $>\text{C-OH}$, and

Z'' is $>\text{CH}_2$.

11. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is OC_2H_5

Z' is $>\text{C-OH}$, and

Z'' is $>\text{C=O}$.

12. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is OC_2H_5

Z' is $>\text{C-OH}$, and

Z'' is $>\text{OH}$.

13. (Amended) The compound of Claim 1, wherein :

R_b and R_o are H,

R_a is OC_2H_5

Z' is $>\text{C-OH}$, and

Z'' is $>\text{C=NOH}$.

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14. (Amended) The compound of Claim 1, wherein :

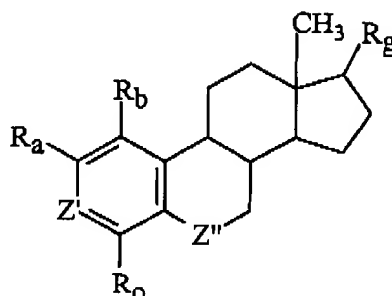
R_b and R_o are H,

R_a is OC_2H_5

Z' is $>C-OH$, and

Z'' is $>C=NOCH_3$.

29. (Amended) A compound of the general formula:



wherein:

a) R_b and R_o are independently -H, -Cl, -Br, -I, -F, -CN, lower alkyl, -OH, - CH_2-OH , - NH_2 ; or $N(R_6)(R_7)$, wherein R_6 and R_7 are independently hydrogen or an alkyl or branched alkyl with up to 6 carbons;

b) R_a is $NHCOCH_3$;

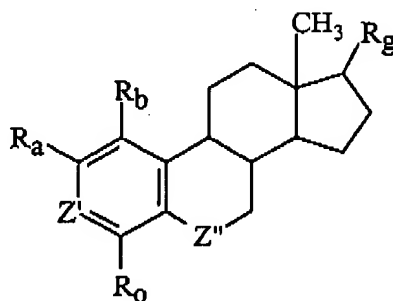
c) Z' is $>CH$, $>COH$, or $>C-R_2-OH$, where R_2 is an alkyl or branched alkyl with up to 10 carbons or aralkyl;

d) $>C-R_g$ is $>C(H)-OH$; and

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e) Z'' is $>CH_2$, $>C=O$, $>C(H)-OH$, $>C=N-OH$, $>C=N-OR_5$, $>C(H)-C\equiv N$,
or $>C(H)-NR_5R_5$, wherein each R_5 is independently hydrogen, an alkyl or branched
alkyl with up to 10 carbons or aralkyl.

30. (Amended) A compound of the general formula:



wherein:

a) R_b and R_o are independently $-H$, $-Cl$, $-Br$, $-I$, $-F$, $-CN$, lower alkyl, $-OH$, $-CH_2-OH$, $-NH_2$; or $N(R_6)(R_7)$, wherein R_6 and R_7 are independently hydrogen or an alkyl or branched alkyl with up to 6 carbons;

b) R_a is $-O-R-R_1$ where R is a straight or branched alkyl with up to 10 carbons or aralkyl, and R_1 is $-OH$, $-NH_2$, $-Cl$, $-Br$, $-I$, $-F$ or CF_3 ;

c) Z' is $>CH$, $>COH$, or $>C-R_2-OH$, where R_2 is an alkyl or branched alkyl with up to 10 carbons or aralkyl;

d) $>C-R_g$ is $>C(H)-OH$; and